

Rivers of loose snow avalanches in Flanders Drainage

Flanders Creek
Northern Gallatin
11/16/2019
Code
L-N-I
Elevation
9500
Aspect
E
Latitude
45.44020
Longitude
-110.93100
Notes

From Doug Chabot:

I went ice climbing in Flanders and got hit with a [graupel](#) storm (0830) which avalanched off the climbs on east-facing slopes for over an hour. It was pretty spectacular and we found knee deep [graupel](#) (small, ball-bearing like grains) 200 vertical feet from the bottom of the cliffs. The climbs that we saw this on were Big Sleep, Bobo Like and Killer Pillar. The snow appears to be sliding on a razor thin ice crust under the 3" of new snow that fell last night, which was dense (estimated 15%).

I dug a hand pit to the ground and found 2' of mostly solid snow (no obvious facets) with a couple ice crusts in the upper third. A CT cut with a ski pole yielded no fractures. Elevation 8,000', east [aspect](#) .

Number caught

0

Number buried

0

Avalanche Type

Loose-snow avalanche

Trigger

Natural trigger

Bed Surface

I - Interface between new and old snow

Problem Type

Loose Dry

Slab Thickness units

centimeters

Single / Multiple / Red Flag

Multiple Avalanches

Advisory Year

[19-20](#)